

UNITED STATES DEPARTMENT OF AGRICULTURE,  
FEDERAL HORTICULTURAL BOARD,  
WASHINGTON. D. C.

RECEIVED  
July 10, 1914

NEWS LETTER NO. 12.

Dear Sir:

Perhaps the most important finding indicated in the accompanying list of imported pests is the olive fruit fly (Dacus oleae), which was detected in seed of olive (Olea flaveolata) from Cape Colony, South Africa. In addition to the olive fruit fly there were also present a few dead adults of what appeared to be Dacus semispharens. It is of interest to relate that live adults of the olive fruit fly were present in the box of seed, which was en route 28 days. The presence of these live adults was undoubtedly due to the fact that in collecting the seed a number of fruit-fly puparia were accidentally scraped up from the ground and enclosed.

Dr. Perley Spaulding, Pathological Inspector, has been transferred to the Office of Forest Pathology, Bureau of Plant Industry, where he will continue his investigation of the white pine blister rust.

Prof. R. Kent Beattie, of the Office of Forest Pathology, Bureau of Plant Industry, and formerly Botanist of the Washington State College, has been appointed Pathological Inspector for the Board, effective July 16.

Yours very truly,

C. L. MARLATT,

Chairman of Board.

List by Countries of Pests Collected.

Name of Pest.

Host.

BELGIAN CONGO.

*Calandra oryza* (Rice weevil) African millet seed.

BELGIUM.

<i>Aspidiotus britannicus</i> (Scale insect)	Bay trees
" <i>hederae</i> (Ivy scale)	Palm
<i>Cerataphis lataniae</i> (Plant louse)	Orchids
<i>Coccus hesperidum</i> (Soft brown scale)	Bay trees (6)
" " " "	Orchids
<i>Diaspis boisduvalii</i> (Scale insect)	" (2)
Lepidopterous pupa	Araucarias
<i>Pseudococcus</i> sp. (Mealy bug)	<i>Metrosideros floribunda</i>
<i>Pulvinaria</i> sp.	Orchids

BRAZIL.

<i>Aspidiotus hederae</i> (Ivy scale)	Orchids
<i>Cerataphis lataniae</i> (Plant louse)	"
Coleopterous larva	<i>Araucaria braziliensis</i>
<i>Isosoma orchidearum</i> (Cattleya fly)	Orchids

CAPE COLONY (SOUTH AFRICA).

<i>Dacus oleae</i> (Olive fruit fly)	<i>Olea flaveolata</i>
" <i>semispharens</i> (?) (Fruit fly)	" "

CHINA.

<i>Bruchus</i> sp. (Weevil)	<i>Gleditsia sinensis</i>
Diseases:	
<i>Diplodia</i> sp.	<i>Juniperus chinensis</i>
<i>Ustilago hordei</i> ? (Smut)	Barley

COLOMBIA.

<i>Aspidiotus hederae</i> (Ivy scale)	Orchids
<i>Diaspis boisduvalii</i> (Scale insect)	"
<i>Isosoma orchidearum</i> (Cattleya fly)	"
Thrips	"

Name of Pest.

Host.

COSTA RICA.

Rhinochenus stigma (Curculionid) In seed pod of Hymenaea courbaril

CUBA.

Disease:

Phlyctaena sp.

Myroxylon balsamum pereirae

ECUADOR.

Tyroglyphus n. sp. (White mite)

Guanavana

ENGLAND.

Diaspis boisduvalii (Scale insect)

Orchids (2)

Isosoma orchidearum (Cattleya fly)

Orchids

FRANCE.

Aphids (Plant lice)

Abies nigra

" " "

Berberis purpurea

Diaspis echinocacti opuntiae

Opuntia

Saissetia oleae (Black scale)

Feijoa fruit trees

GUATEMALA.

Hymenorus americanus (Beetle)

Solanum muricatum

Cathartus advena (Foreign Grain Beetle)

Avocado seed

HOLLAND.

Curculionid larva (?)

Hydrangea

Leaf miner (?)

Boxwood

Lecanium coryli (Soft scale-insect)

Horse chestnut

Disease:

Bacterium tumefaciens (Crown gall)

Roses

Name of Pest.

Host.

INDIA.

<i>Laemophloeus minutus</i> (Beetle)	Seed of Coiz sp.
<i>Sitotroga cerealella</i> (Angoumois grain moth)	<i>Oryza sativa</i>
<i>Tribolium confusum</i> (Confused flour beetle)	" "
Diseases:	
<i>Hendersonia</i> sp.	<i>Coix gigantea</i> v. <i>aquatica</i>
<i>Ustilago coicis</i>	<i>Coix lachryma-jobi</i> var. <i>ma-yuen</i>

IRELAND.

Disease:	
Canker	Rose

MAURITIUS.

Disease:	
<i>Diplodia</i> sp.	<i>Hyophorbe amaricaulis</i>

MEXICO.

<i>Cathartus advena</i> (Foreign Grain Beetle)	Avocado seed
Diseases:	
<i>Puccinia graminis</i>	Wheat
<i>Ustilago hordei</i> (Smut)	Barley

NEW ZEALAND.

<i>Aspidiotus camelliae</i> (Greedy scale)	Veronica
<i>Chionaspis</i> sp. (Scale insect)	Tree ferns
<i>Chrysomphalus rossi</i> (Scale insect)	<i>Rhopalostyles sapeda</i>
<i>Lecanium</i> sp. (Scale insect)	<i>Myrtus bullata</i>
" " " "	<i>Nothopanax arborium</i>
" " " "	<i>Coprosma</i>
<i>Leucaspis</i> sp. " "	<i>Podocarpus</i>
" " " "	<i>Dremys</i>
" " " "	<i>Griselinia</i>
<i>Pseudococcus calceolariae</i> (Mealy bug)	New Zealand flax

PARAGUAY.

Diseases:	
<i>Lasiodiplodia</i>	Cassava
<i>Melanconium sacchari</i>	Sugar cane

Name of Pest.

Host.

PHILIPPINE ISLANDS.

Chrysomphalus rossi (Scale insect)	Orchids
Pulvinaria sp. (Scale insect)	"
Saissetia hemisphaerica (Hemispherical scale)	"

TRANSVAAL (SOUTH AFRICA).

Disease:

Smut (undetermined)

Fingerhuthia africana

TRINIDAD.

Howardia biclavis (Mining scale)	Sapodilla
Pseudococcus adonidum (Long-tailed mealy bug)	"
Saissetia oleae (Black scale)	"
Vinsonia stellifera (Stellate scale)	"

## List by States of Pests Collected.

Name of Pest.	Host.	Country of origin
<u>ALABAMA.</u>		
<i>Coccus hesperidum</i> (Soft brown scale)	Bay trees	Belgium
<u>CALIFORNIA.</u>		
<i>Aspidiotus camelliae</i> (Greedy scale)	Veronica	New Zealand
<i>Cerataphis lataniae</i> (Plant louse)	Orchids	Brazil
" " " "	"	Belgium
<i>Chionaspis</i> sp. (Scale insect)	Tree ferns	New Zealand
<i>Chrysomphalus rossi</i> (Scale insect)	Orchids	Philippine Islands
" " " "	<i>Rhopalostyles sapeda</i>	New Zealand
<i>Coccus hesperidum</i> (Soft Brown scale)	Orchids	Belgium
<i>Diaspis boisduvalii</i> (Scale insect)	"	Colombia
" " " "	"	England (2)
" " " "	"	Belgium
<i>Isosoma orchidearum</i> (Cattleya fly)	"	Colombia
" " " "	"	Brazil
" " " "	"	England
<i>Lecanium</i> sp. (Scale insect)	<i>Myrtus bullata</i>	New Zealand
" " " "	<i>Nothopanax arborium</i>	" "
" " " "	<i>Coprosma</i>	" "
<i>Leucaspis</i> sp. " "	<i>Podocarpus</i>	" "
" " " "	<i>Dremys</i>	" "
" " " "	<i>Griselinia</i>	" "
<i>Pseudococcus calceolariae</i> (Mealy bug)	New Zealand flax	" "
<i>Pulvinaria</i> sp. (Scale insect)	Orchids	Philippine Islands
" " " "	"	Belgium
<i>Saissetia hemisphaerica</i> (Hemispherical scale)	Orchids	Philippine Islands
" oleae (Black scale)	<i>Feijoa</i> fruit trees	France
Thrips	Orchids	Colombia

DISTRICT OF COLUMBIA.

<i>Bruchus</i> sp. (Weevil)	<i>Gleditsia sinensis</i>	China
<i>Calandra oryza</i> (Rice weevil)	African millet seed	Belgian Congo
<i>Coleopterous</i> larva	<i>Araucaria braziliensis</i>	Brazil
<i>Dacus oleae</i> (Olive fruit fly)	<i>Olea flaveolata</i>	Cape Colony
" semisphaerens (?) (Fruit fly)	" "	" "
<i>Diaspis echinocacti opuntiae</i> (Scale insect)	<i>Opuntia</i>	France
<i>Howardia biclavus</i> (Mining scale)	<i>Sapodilla</i>	Trinidad

Name of Pest.	Host.	Country of origin.
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DISTRICT OF COLUMBIA (Continued).

Hymenorus americanus (Beetle)	Solanum muricatum	Guatemala
Laemophloeus minutus (Beetle)	Seed of Coiz sp.	India
Pseudococcus adonidum (Long-tailed mealy bug)	Sapodilla	Trinidad
Rhinochenus stigma (Curculionid)	In seed pod of Hymenaea courbaril	Costa Rica
Saissetia oleae (Black scale)	Sapodilla	Trinidad
Cathartus advena (Foreign grain beetle)	Avocado seed	Mexico
" " " " " "	" "	Guatemala
Sitotroga cerealella (Angoumois grain moth)	Oryza sativa	India
Tribolium confusum (Confused flour beetle)	" "	"
Tyroglyphus n.sp. (White mite)	Guanavana	Ecuador
Vinsonia stellifera (Stellate scale)	Sapodilla	Trinidad
<u>Diseases:</u>		
Diplodia sp.	Juniperus chinensis	China
" "	Hyophorbe amaricaulis	Mauritius
Hendersonia sp.	Coix gigantea v. aquatica	India
Lasiodiplodia sp.	Cassava	Paraguay
Melanconium sacchari	Sugar cane	"
Phlyctaena sp.	Myroxylon balsamum pereirae	Cuba
Puccinia graminis	Wheat	Mexico
Smut (undetermined)	Fingerhuthia africana	Transvaal
Ustilago coicis	Coix lachryma-jobi var. ma-yuen	India
Ustilago hordei (Smut)	Barley	Mexico
Ustilago hordei? (Smut)	"	China

FLORIDA.

Aspidiotus hederæ (Ivy scale)	Palm	Belgium
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MARYLAND.

* Lepidopterous pupa	Araucarias	Belgium
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MASSACHUSETTS.

Aspidiotus britannicus (Scale insect)	Bay trees	Belgium
" hederæ (Ivy scale)	Orchids	Colombia
" " " "	"	Brazil
Coccus hesperidum (Soft brown scale)	Bay trees	Belgium

Name of Pest	Host	Country of origin
<u>MICHIGAN.</u>		
Coccus hesperidum (Soft brown scale)	Bay trees	Belgium (3)
<u>NEW JERSEY.</u>		
Diaspis boisduvalii (Scale insect)	Orchids	Belgium
Pseudococcus sp. (Mealy bug)	Metrosideros floribunda	"
<u>PENNSYLVANIA.</u>		
Coccus hesperidum (Soft brown scale)	Bay trees	Belgium
Disease:		
Canker	Rose	Ireland
<u>UTAH.</u>		
Curculionid larva (?)	Hydrangea	Holland
Leaf miner (?)	Boxwood	"
Disease:		
Bacterium tumefaciens (Crown gall)	Roses	"
<u>WASHINGTON.</u>		
Aphids (Plant lice)	Abies nigra	France
" " "	Berberis purpurea	"
<u>WISCONSIN.</u>		
Lecanium coryli (Scale insect)	Horse chestnut	Holland